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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

\$180.00

Complete if Known

Application Number	09/742,295
Filing Date	December 22, 2000
First Named Inventor	Scalora, M
Examiner Name	Not Yet Assigned
Group Art Unit	Not Yet Assigned
Attorney Docket No.	Time.177

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METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit
Account
Number

502391

Deposit
Account
Name

Time Domain Corporation

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments

☐ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee
to the above identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 740	201 370	Utility filing fee	
106 330	206 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	

SUBTOTAL (1)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Extra Claims		Fee from below	Fee Paid
Total Claims	18 - 20** = 0	X	0.00
Independent Claims	2 - 3** = 0	X	0.00
Multiple Dependent			

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
103 18	203 9	Claims in excess of 20	
102 84	202 42	Independent claims in excess of 3	
104 280	204 140	Multiple dependent claim, if not paid	
109 84	209 42	** Reissue independent claims over original patent	
110 18	210 9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2)

\$0.00

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non - English specification	
147 2,520	147 2,520	For filing a request for ex parte reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 400	216 200	Extension for reply within second month	
117 920	217 460	Extension for reply within third month	
118 1,440	218 720	Extension for reply within fourth month	
128 1,960	228 980	Extension for reply within fifth month	
119 320	219 160	Notice of Appeal	
120 320	220 160	Filing a brief in support of an appeal	
121 280	221 140	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,280	241 640	Petition to revive - unintentional	
142 1,280	242 640	Utility issue fee (or reissue)	
143 460	243 230	Design issue fee	
144 620	244 310	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Processing fee under 37 CFR § 1.17(q)	
126 180	126 180	Submission of Information Disclosure Statement	180.00
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 740	246 370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 740	249 370	For each additional invention to be examined (37 CFR § 1.129(b))	
179 740	279 370	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

\$180.00

SUBMITTED BY

Name (Print/Type)

George P. Kobler

Registration No.
(Attorney/Agent)

46,837

Complete (if applicable)

Telephone

256-428-6582

Signature

George P. Kobler

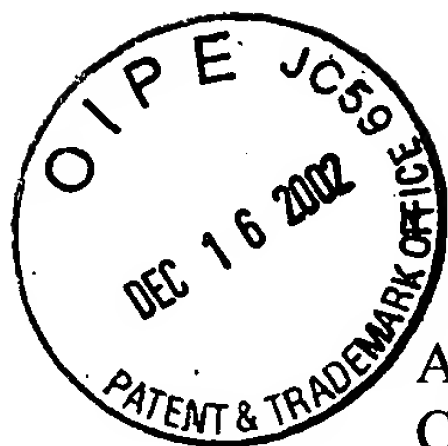
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2873

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: TIME DOMAIN CORPORATION

Serial No.: 09/742,295

Filed: December 22, 2000

Inventor(s): Scalora et al.

Examiner: Not Yet Assigned

Group Art Unit: Not Yet Assigned

Attorney Docket: Time.177

Title: Photonic Signal Frequency Up and Down-Conversion Using a Photonic Band Gap Structure

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Assistant Commissioner for Patents
Washington, D.C. 20231

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class in an envelope addressed to:
Assistant Commissioner for Patents, Washington, D.C. 20231
On: December 19, 2002
Signature:
Typed or Printed Name: Elizabeth Patrick

INFORMATION DISCLOSURE STATEMENT

Sir:

In order to comply with Applicant's duty of disclosure under 37 C.F.R. § 1.56, transmitted herewith are Form PTO/SB/08A and one copy of each document listed thereon (except for patent applications).

Fees required by this document, as set forth in 37 C.F.R. § 1.17(p), may be charged to Deposit Account No. 502391.

☐ The undersigned hereby certifies that each item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. 37 C.F.R. § 1.97(e)(1)

☒ The undersigned hereby certifies that no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56 (c) more than three months prior to the filing of the statement

☐ The relevance of any enclosed non-English language document(s) is concisely explained as follows:

Date: December 6, 2002

Time Domain Corporation
7057 Old Madison Pike
Huntsville, AL 35801
Direct Dial (256) 428-6582
Customer No. 29099

Respectfully Submitted,

George P. Kobler
Reg. No. 46837

(Use several sheets if necessary)

Application Number
09/742,295

Applicant(s)
SCALORA, et al.

Filing Date
December 22, 2000

Group Art Unit

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Ball, G.A. and Morey, W.W. "Continuously tunable single-mode erbium fiber laser" March 15, 1992, Vol. 17, No. 6, pp. 420-422.
		Bendickson, J.M. "Analytic expressions for the electromagnetic mode density in finite, one-dimensional, photonic band-gap structures" April 1996, Vol. 53, No. 4-B, pp. 4107-4121.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		Docket Number (Optional) Time.177	Application Number 09/742,295
		Applicant(s) SCALORA, et al.	
		Filing Date December 22, 2000	Group Art Unit
*EXAMINER INITIAL	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
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INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>		Docket Number (Optional) Time.177	Application Number 09/742,295
		Applicant(s) Scalora, M. et al.	
		Filing Date December 22, 2000	Group Art Unit

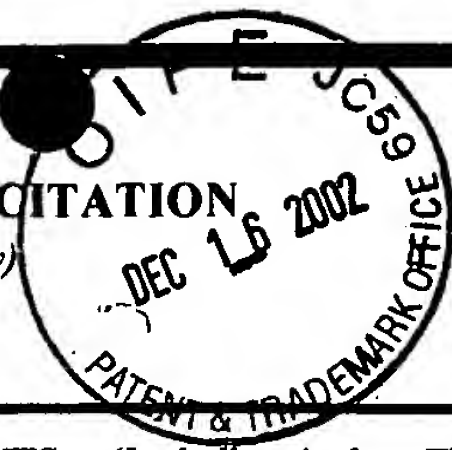
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INFORMATION DISCLOSURE CITATION

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Docket Number (Optional)

Time.177

Application Number

09/742,295

Applicant(s)

Scalora, M. et al.

Filing Date

Dec mber 22, 2000

Group Art Unit

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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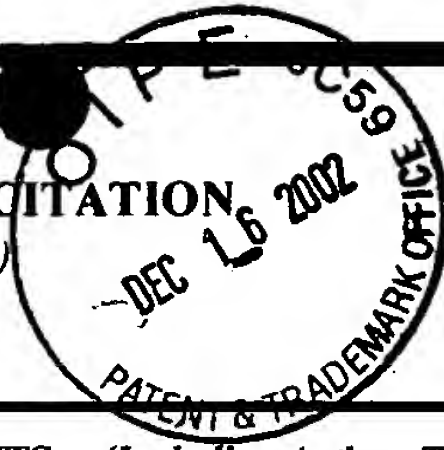
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Docket Number (Optional)

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Application Number

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Applicant(s)

Scalora, M. et al.

Filing Date

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Group Art Unit

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